Contents list

Volume 24, 1992

Lumen design method for obstructed interiors	D J Carter and H Bougdah	15
Artificial sky for use with large-scale architectural daylight models	K V Lioutsko and A V Spiridonov	25
Elements of photometry, brightness and visibility	H W Bodmann	29
Semantic differential scaling: Prospects in lighting research	D K Tiller and M S Rea	43
Light sources and closed-circuit television	J Vermeulen	63
Effect of window size and sunlight presence on glare	M Boubekri and L L Boyer	69
Design proposal for the warm, humid tropics	Yaw Asante	75
Contrast rendering factor: Comparison of measurements using different tasks	D To	81
Measurements to check tunnel lighting design calculations	D To and Z B Tak	93
Natural lighting under translucent domes	M A Wilkinson	117
Daylight coefficients for practical computation of internal luminances	P J Littlefair	127
Automobile headlamp alignment by visual aim: Photometric correlates		
of the visual cutoff and aim variability	D Poynter, R D Plummer and R J Donohoe	137
Legibility and readability of light reflecting matrix variable message road signs	J J Collins and R D Hall	143
High-pressure sodium lamps: Practical design model	J M Strok	149
Luminance of distant objects under overcast skys	P R Tregenza	155
On the specification of colour-matching functions	L Morren	161
Daylight measurement data: Methods of evaluation and representation	R Kittler, S Hayman, N Ruck and W Julian	173
Structural equation modelling in lighting research: Application to residential		
acceptance of new lighting	J W Beckstead and P R Boyce	189
Measuring appearance: Parameters indicated from gloom studies	A J Shepherd, W G Julian and A T Purcell	203
The CSP index: A practical measure of office lighting quality as		
perceived by the office worker	A R Bean and R I Bell	215
Sports hall lighting: Badminton players' attitudes	P M Bradley	227
Lighting control: Feasibility demonstration of a new type of system	W L Glennie, I Thukral and M S Rea	235
Light scattering by rough surfaces: Electromagnetic model for		
lighting simulations	J J Embrechts	243
Review Papers		
Chemical analysis of lamps and lamp materials	T R Brumleve	1
Fluorescent lighting and health	P T Stone	55
Research Note		
The effect of glazing upon energy consumption within buildings	M A Wilkinson	99
Technical Notes		
Fog modulation transfer function and signal lighting	N Nameda	103
High-speed photometer for measuring light intensity distributions	E H Pritchard and R H Simons	107
Correspondence		167
Abstracts		53 113 160 254